

Amendments to the claims

Please amend the claims as follows:

1. (Currently Amended) A mode switching method in a mobile communication system,
the method comprising:
providing a mode switching start point between an uplink signal and a downlink signal of
a transceiver, wherein providing the mode switching start point comprises
determining a mode switching time (MST) of the transceiver,
determining a minimum guard period (GP_{min}) of the transceiver, and
determining if the MST is greater than the GP_{min} ;
resetting the mode switching start point based on length of a guard period provided
between the uplink signal and the downlink signal, ~~wherein the length of the guard period~~
~~provided between the uplink and the downlink signal is variable with respect to a previous length~~
~~of a guard period provided between a previous uplink and downlink signal,~~ wherein resetting the
mode switching start point comprises determining an advancing time offset (Δt) based on a
minimum guard period (GP_{min}), and setting the mode switching start point before a start point of
the minimum guard period (GP_{min}) of the transceiver if the MST is greater than the GP_{min} ; and
starting mode switching at the mode switching start point.

2-3. (Cancelled)

4. (Currently Amended) The method of claim [[3]] 1, wherein providing the mode
switching start point further comprises ~~is determined by~~ calculating a time ~~reference~~ difference
between the advancing time offset (Δt) and the start point of GP_{min} .

5. (Currently Amended) The method of claim [[3]] 1, wherein the advancing time offset
(Δt) is less than the GP_{min} .

6-8. (Cancelled)

9. (Currently Amended) The method of claim [[8]] 4, further comprising performing mode switching according to the mode switching start point.

10. (Currently Amended) A mode switching method comprising:
providing a mode switching start point between an uplink signal and a downlink signal of a transceiver;
determining an advancing time offset (Δt) based on a minimum guard period (GP_{min}),
~~wherein the GP_{min} provided between the uplink and the downlink signal is variable with respect to a previous GP_{min} provided between a previous uplink and downlink signal;~~
~~setting the mode switching start point before a start point of the GP_{min} of the transceiver based on a mode switching signal;~~
~~starting mode switching at the mode switching start point;~~
determining a mode switching time (MST) of the transceiver;
determining whether the MST is greater than the GP_{min} ; and
setting the mode switching start point before a start point of the GP_{min} of the transceiver if the MST is greater than the GP_{min} .
~~determining the mode switching start point reset, if the MST is greater than the GP_{min} ;~~

11. (Currently Amended) A mode switching system in a mobile communication system comprising:

means for providing a mode switching start point between an uplink signal and a downlink signal of a transceiver, wherein providing the mode switching start point comprises:

determining a mode switching time (MST) of the transceiver,

determining a minimum guard period (GP_{min}) of the transceiver, and

determining whether the MST is greater than the GP_{min} ;

means for resetting the mode switching start point based on length of a guard period provided between the uplink signal and the downlink signal, ~~wherein the length of the guard period provided between the uplink and the downlink signal is variable with respect to a previous length of a guard period provided between a previous uplink and downlink signal,~~ wherein resetting the mode switching start point comprises determining an advancing time offset (Δt) based on a minimum guard period (GP_{min}), and setting the mode switching start point before a

start point of the minimum guard period (GP_{min}) of the transceiver if the MST is greater than the GP_{min} ; and

means for starting mode switching at the mode switching start point.

12-13. (Cancelled)

14. (Currently Amended) The system of claim ~~[[13]]~~ 11, wherein the means for providing the mode switching start point further comprises ~~is determined by calculating a time difference~~ difference between the advancing time offset (Δt) and the start point of GP_{min} .

15. (Currently Amended) The system of claim ~~[[13]]~~ 11, wherein the advancing time offset (Δt) is less than the GP_{min} .

16 - 18. (Cancelled)

19. (Currently Amended) The system of claim 18, where the means for starting mode switching further performs ~~comprising performing~~ mode switching based on the mode switching start point.

20. (Currently Amended) A mode switching system comprising:
means for providing a mode switching start point between an uplink signal and a downlink signal of a transceiver;
means for determining an advancing time offset (Δt) based on a minimum guard period (GP_{min}), ~~wherein the GP_{min} provided between the uplink and the downlink signal is variable with respect to a previous GP_{min} provided between a previous uplink and downlink signal;~~
~~means for setting the mode switching start point before a start point of the GP_{min} of the transceiver based on a mode switching signal;~~
means for starting mode switching at the mode switching start point;
means for determining a mode switching time (MST) of the transceiver;
means for determining whether the MST is greater than the GP_{min} ; and

means for setting the mode switching start point before a start point of the GP_{min} of the transceiver if the MST is greater than the GP_{min}.

~~means for determining the mode switching start point reset, if the MST is greater than the GP_{min}.~~